ARKHAROV, V. I.; GORINA, A. I.; USYSKINA, S. L.

Application of Gas Chrome Plating to the Anti-Corrosion Protection of Equipment for Souprene Production

Trudy IMM UFAN, 2nd Edition, 49, 1944

LUKOMSKAYA, A.I.; REZNIKOVSKIY, M.M.; ORLOVSKIY, P.W.; STUKALOVA, A.F. Prinimali uchastiye: GORINA, A.K.; STULOVA, V.T.

Efficient laboratory method for determining the tendency of rubber mixtures for prevulcanization. Trudy Nauch.-issl. inst. shin. prom. no.7:154-167 '60. (MIRA 14:8) (Vulcanization) (Rubber, Synthetic--Testing)

LUKOMSKAYA, A.I.; ORLOVSKIY, P.N.; MEREZHANNYY, S.B.; STUKALOVA, A.F.; Prinimali uchastiye: SAMOKHODKINA, K.G.; KALINOVA, L.T.; GORINA, A.K.; STULOVA, V.T.

Effect of the surface-to-volume ratio of a test piece in the evaluation of the processing qualities of rubber blends. Kauch. 1 rez. 20 no. 4:36-42 Ap '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (for Lukomskaya, Orlovskiy, Merezhannyy, Stukalova).

(Rubber, Testing)

ALEXSEYEV, S.N.; ANTIPIN, V.A.; ARTAMONEV, V.S.; EALALAYEV, G.A., inzh.; VOLODIN, V.Ye.; GOL'DENBERG, N.L.; CORINA, B.S.; GOFEN, D.A.; GRISHIN, M.Ye.; DERESHKEVICH, Yu.V.; DORONENKOV, I.M.; KLINOV, I.Ya., doktor tekhn. nauk, prof.; LEYRIKH, V.E.; LUTONIN, N.V.; MOLOKANOV, A.V., dots.; NOGIN, A.Ya.; PAKHOMOV, N.M.; PROTOSAVITSKAYA, Ye.A.; ROMOV, I.V.; CHAPLITSKIY, L.A.; TSEYTLIN, A.G.; STRAV'YE, P.K.; MOSHCHANSKIY, N.A., doktor tekhn. nauk, prof., red.; PEREVALYUK, M.V., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Corrosion protection in the construction of industrial buildings] Zashchita ot korrozii v promyshlennom stroit 1-stve. Moskva, Gosstroiizdat, 1963. 406 p. (MIRA 16:12)

(Corrosion and anticorrosives)
(Industrial buildings)

PALETSKAYA, L.N.; GORINA, E.I.

Bacterial inoculation of virgin takyr soils brought under oultivation. Isv.AN Turk.SSR no.4:24-20 159. (MIRA 1):2)

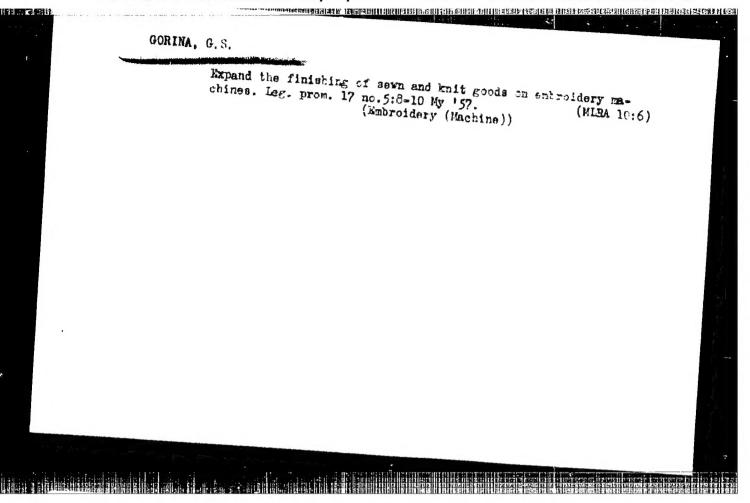
1. Institut botaniki AN Turkmenskoy SSSR. (Soil inoculation)

GORINA, F.A., inzh.; CHISTYAKOVA, N.V., inzh.

Rapid method for determining the degree of polymerization of polymethylacrylate of "No.1" and "A" make acrylic emulsions.

Kozh.-obuv.prom. 5 no.4:15-18 Ap '63. (MIRA 16:5)

(Polymerization) (Asrylic acid)



BOKOVA, V.I.; GORINA, G.V.

Spectral analysis of niobium chloride and technical niobium hydroxide by the condensed spark method. Zav. lab. 31 no.9:1090 '65. (MIRA 18:10)

S/020/61/139/006/016/022 B103/B101

AUTHORS:

F- : -

Kargin, V. A., Academician, and Gorina, I. I.

TITLES

Polymorphism of orystalline polypropylene

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 139, no. 6, 1961, 1371

TEXT: The authors studied the various morphological forms of crystalline, stereoregular polypropylene which has a high molecular weight (M=100,000).

Its solutions in xylene and decalin (concentration, 0.001 - 0.1%) were

heated to 10 - 15°C below the boiling point of the solvent. Subsequently, it was slowly cooled to room temperature within two weeks. The resulting hyaline suspension was applied to a colloxyline backing, preshadowed, and examined under an GEM-5G electron microscope. Electron diffraction of the single crystals shows distinct reflexes which disappear under the action of the electron beam. The beam apparently suppresses the diffractive power of the specimen without changing its form. For the first time the authors observed a polymorphism with such a great variety

Card 1/3

Polymorphism of crystalline polypropylene S/020/61/139/006/016/022 B103/B101

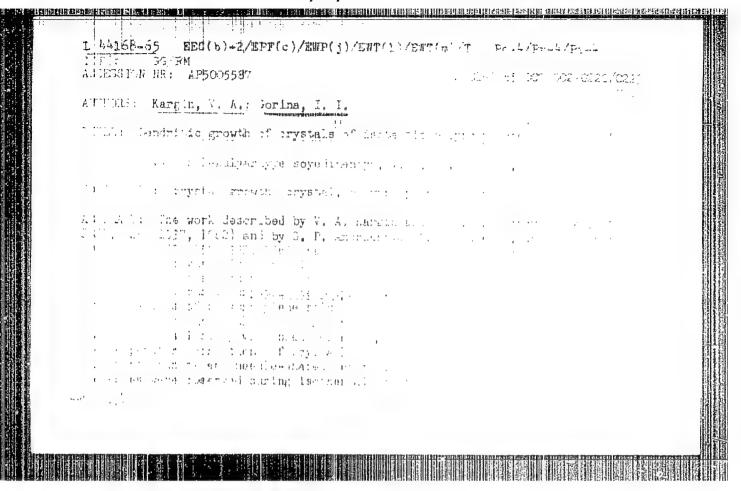
of morphological forms of a polymer: the polypropylene specimen showed long rods with a size of up to 5μ , regular triangles, hexagonal crystals, crystals resembling snow-flakes, body-centered crystals with distinctly marked lateral faces, and also the rhombic structure which is characteristic of polymers. The authors obtained intermediate crystal forms by changing the conditions of crystallization (temperature, concentration, cooling rate). At low concentrations ((0.001%) and at temperatures near the boiling point of the solvent, asymmetric bodies with a size of up to 0.5 \(\mu\) are formed. In the course of the process, longitudinal crab-shaped, needle-shaped, or dendritic bodies were formed. It is concluded that the Keller mechanism of formation of crystal structures (accumulation of planes) is not the only mechanism underlying the crystallization of polymers. This problem will be discussed by the authors in a later paper. [Abstracter's note: The electron micrographs are not reproducible.] There are 4 figures, 1 Soviet and 7 non-Soviet references. The three most important references to English-language publications read as follows: A. Keller, Phil. Mag., 2, 1171 (1957); B. G. Ränby, F. F. Morehead, N. M. Walter, J. Polymer Sci., 44, 349 (1960); P. H. Geil, J. Polymer Sci., 44, 449 (1960). Card 2/3

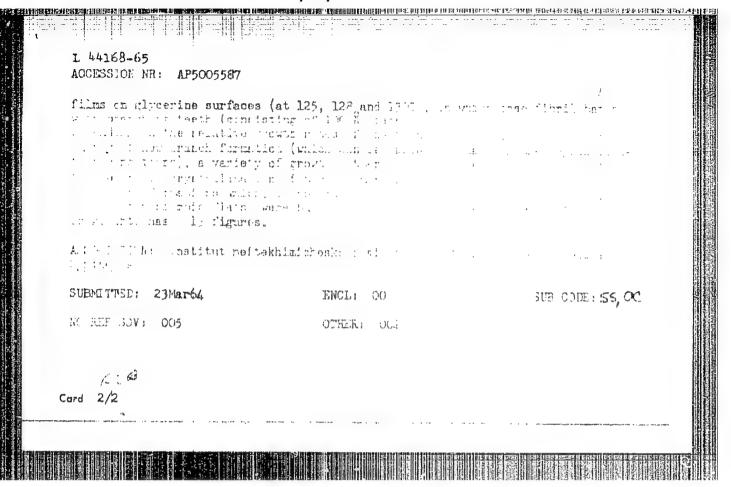
Polymorphism of crystalline polypropylene S/020/61/139/006/016/022 B103/B101

ASSOCIATION: Institut neftekhimicheskogo sinteza Akademii nauk SSSR (Institute of Petrochemical Synthesis of the Academy of Sciences USSR)

SUBMITTED: April 12, 1961

Card 3/3





SARGIN, V.A., CODING Addition

Elementary promote of atracturation in polyprograms. Pysokon.soca.

7 ne.vid.73-1275 Fullets.

5. Insistat neftekbinicheskigo sintsch AN SSSR.

KARO-L, V.A., GENERA, J.1.

Electron microscope study of the deformation of fibrillar demirites of polypropylene. Vysokom. sced. 7 no.8:1323-1325 Ag *65.

1. Pratitut neftekhimichoskope sinteen Ak (NCR.

L 18571-66 EWT(m)/EWP(j)/T RM

ACC NR: AP6002131

SOURCE CODE: UR/0020/65/165/005/1108/1110

AUTHORS: Kargin, V. A. (Academician); Gorina, I. I.

ORG: Institute for Petrochemical Synthesis im. A. V. Topchiyev (Institut neftekhimicheskogo sinteza)

36

TITLE: Dendritic mechanism of formation of large crystals structures in isotactic polypropylene ANACO

SOURCE: AN SSSR. Doklady, v. 165, no. 5, 1965, 1108-1110

TOPIC TAGS: polymer, polymer structure, polypropylene plastic, crystalline polymer/ JEM-5G electron microscope

ABSTRACT: A new type of fibrillar crystals in polypropylene was observed. This work is an extension of the investigations carried out by the authors (Vysokomolek, soyed., 7 (1965), 220, 1273, 1323). The crystals were obtained by heating a 0.01% solution of polypropylene in decaline to boiling, and by subsequent thermostating of the solution at 900 for 3--5 hours. After this treatment, droplets of the solution were investigated by electron microscopy on the JEM-50 electron-microscope. A number of electromicroscope pictures are presented. It is concluded that the Card 1/2

UDC: 678.01:53+678.78.2

. 7*	18571-66 NR: AP	6002431					n
MeT	Ll as one	of the other	e crystals in p or mochanisms d o. 8 2409, 1963	escribed by D.	H. Keith and	F. J. Poddz	sm as on, Jr.
SUB	GODE: 20	, 07,11SUEM	DATE: 12Jun65	ORIG REF	002/	OTH REF:	001
! ! :							!
							v v. do na . mage :
			`				o epot migra began to
					•		
	·.						

GORINA, K.D.

Condition of the thermoregulatory reflex in patients with skin diseases during fever therapy. Vest. derm. 1 van. 34 no. 5:9-15 '50. (MIRA 14:1)

(SKIN-DISEASES) (EODY TEMPERATURE) (FEVER THERAPY)

GORINA, K.D.; BERDYBAYEV, U.B.; GOLKOVA, Ye.I.; PARKHOMENKO, N.A.

Cutaneous leishmaniasis in the city of Alma-Ata. Zdrav. Kazakh. 22 no.2:47-49 '62. (MIPA 15:4)

1. Iz kafedry kozhno-venericheskikh bolezney Kazakhskogo meditsinskogo instituta, sanepidstantsii i kozhno-venerologicheskogo dispansera g. Alma-Aty.

(ALMA-ATA-LEISHMANIASIS)

BERDYBAYEV, U.B.; GORINA, K.D.

Concentrated sunlight in the treatment of some dermatoses.

Zdrav.Kazakh. 22 no.11:47-50 *62. (MIRA 16:2)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. U.B. Berdybayev) Kazakhskogo meditsinskogo instituta. (SOLAR RADIATION-PHYSIOLOGICAL EFFECT) (SKIN-DISEASES)

BERDYBAYEV, U.B.; GOMINA, K.D.

Impulse solar light from Bukkman's reflector in the treatment of some dermatoses. Vest. derm. i ven. 37 nc.9:4.3-46 S 163.

1. Kafedra kozhno-venericheskikh belezney hima-binskege meditsinskege instituta (zav. - prof. U.B. Perdybayev).

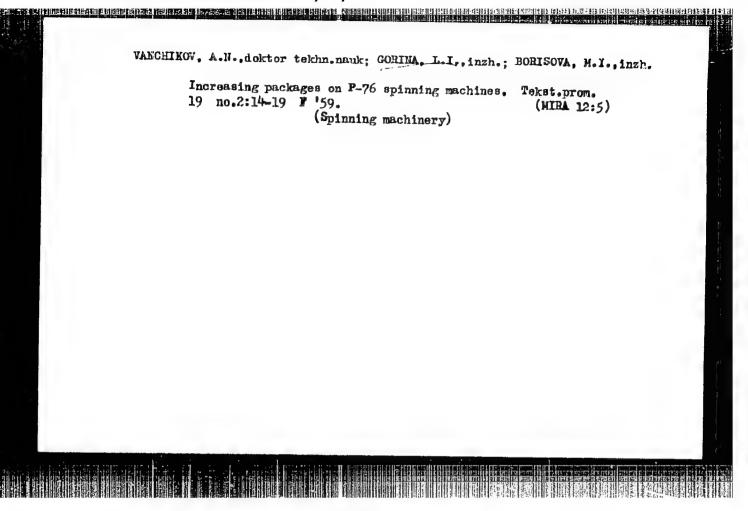
SHTERNEERG, L.Ye.; GORINA, K.S.; KANAKINA, M.A.; KORENEVA, Ye.V.

Iron occurrences in recent sediments of Lake Punnus-Yari.

Izv. AN SSSR. Seregeol. 28 no.3:93-101 Mr '63. (MIRA 16:2)

1. Geologicheskiy institut AN SSSR, Moskva.

(Krasnoye Lake (Leningrad Province)—Iron)



GORINA, M.Ye.; KOROLEVA, Ye.V.; PROKHOROVA, S.M.

Bibliographic index of literature on the spinning of bast fibers and the manufacture of cordage published from 1958 to 1960.

Mauoh,-isel.trudy TSMILLV 17:162-174 '62. (MIRA 16:10)

GORINA M. Yu.

SUV/109-3-8-13/18

AUTHORS:

Arshanskaya, M.G., Ban'kovskiy, H.G., Gorina, M.Yu.

THE REPORT OF THE STORE OF THE PROPERTY OF THE

Mel'nik, O.N., Serova, N.H. and Legkova, A.A.

TITLE:

Thorium-oxide Cathodes for Power Tubes (Oksidno-toriyevyy katod dlya moshchnykh generatornykh lamp)

PERIODICAL:

Radiotekhnika i Elektronika, 1953, Vol 3, Nr 8,

pp 1064 - 1072 (USSR)

ABSTRACT:

The preparation of the actual thorium-oxide cathodes was effected by the method of electrophoresis, which permitted the manufacture of robust coatings with a smooth surface on various types of the cathode core. The core material for the cathodes was tantalum, since its expansion coefficient is approximately equal to that of thorium oxide. The cores were de-greased, etched, washed and then de-gassed at a temperature of 1,600°C. Since the attempts to obtain satisfactory coatings by the normal, cataphoretic method were unsuccessful, an ultrasonic-type mixing of thorium-

unsuccessful, an ultrasonic-type mixing of thorium-oxide suspension was employed. This was very successful

and permitted obtaining coatings of about 40 µ

(16 mg/cm²). The cathode cores were either ribbon-like

Card 1/4

Thorium-oxide Cathodes for Power Tubes

SOV/109-3-8-13/18

or were in the form of troughs. In either case, they were coated by the cataphoretic-ultrasonic method by employing the so-called technique of "extended meniscus". In this technique, the cathode core is placed horizontally in the vicinity of the surface of the coating suspension and the cathode is lowered until it very nearly touches the substance. In this way, a meniscus is formed; the cathode is then pulled away. cathodes thus prepared were investigated in three types of experimental tubes. The construction of the first tube (a diode) is shown in Figure 2; this is furnished with a cathode in the form of a cup. The second diode employs a directly heated ribbon-like cathode and its construction is illustrated in Figure 3. This cathode had an emissive surface of 0.5 cm2. The third tube had a filamentary cathode, having a diameter of 100 μ, which was coated with an oxide to a thickness of 15-40 µ. The temperature of the cathodes in the first two tubes was measured by means of an optical micropyrometer, while the temperature of the filamentary cathode was determined from the change of the filament resistance. The influence

Card2/4

Thorium-oxide Cathodes for Power Tubes

SOV/109-3-8-13/18

of the activation temperature on the emission characteristics of the cathodes is illustrated in Figures 5 and 6. The three curves of Figure 5 are the Richardson curves for a cathode based on a molybdenum core: Curves 1 and 2 are for cathodes activated at 1600 and 1800 ok. respectively, while Curve 3 is for a cathode activated at 2,000 K. Figure 6 shows a family of static characteristics; Curve 2 was taken at a temperature of 1 820 after a purely thermal activation at a temperature of 1 960 K, while the remaining curves were taken at various temperatures after the cathode had been activated at a current density of 0.6 A/cm² and a temperature of 1 880 °K. The thermal emission constants of well-activated cathodes were determined from the Richardson graphs (Figure 9) and it was found that the work function was 2.2 to 2.4 ev, while the Richardson constant was about 0.5 to 5 A/cm² per degree². The emission characteristics were also taken by means of short pulses (less than 100 µs) and these are shown in Figure 9 for verious activating temperatures. From the curves, it was found that at a

Card3/4

507/109-3-8-13/18 Thorium-oxide Cathodes for Power Tubes temperature of 1 860 °K, the maximum emission density in the static regime is about 1.5 A/cm², while in the pulse operation, it is about 2-3 A/cm²; at temperatures of 2,000 - 2 100 K, the pulse emission was 8-9 A/cm². The cathodes were also subjected to life tests and it was found that a thorium-oxide layer of about 40 k gives a useful life of 500 hours at a current density of 0.6 A/cm². It was further found that the cathodes do not lose their emission even if the vacuum inside the tubes becomes as low as 5×10^{-5} mmHg. There are 9 figures and 12 references, 7 of which are English, 4 French and 1 Soviet.

SUBMITTED:

January 29, 1958

Uard 4/4

2. Oxide cathodes---Preparation 1. Oxide cathodes--Properties

3. Thorium oxide--Applications 4. Tantalum--Applications

PASHEKHONOVA, N.V.; ROMANOVA, I.F.; GORINA, M.Yu.

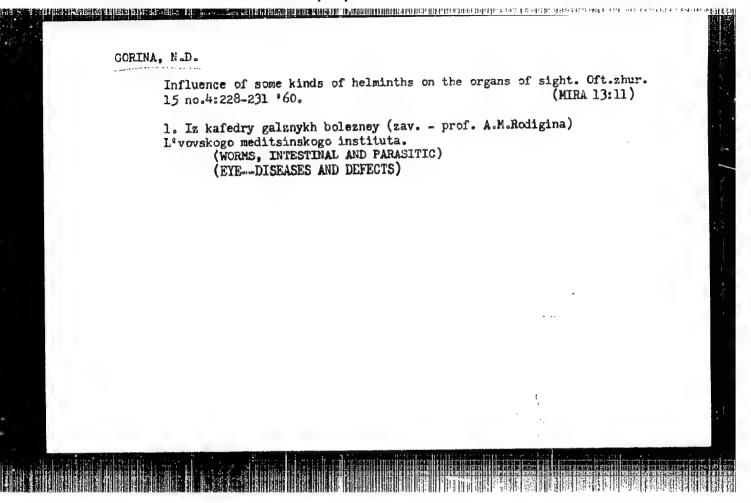
Study of the lithium function of glass electrodes. Part l. Vest.

IGU 15 no.16:85-94 '60. (MIRA 13:8)

(**Tlectrodes, Glass)

4	ACC NR: AP6033155 SOURCE CODE: UR/0105/66/000/010/0082/0083
	AUTHOR: Gorina, N. B.; Gruznov, Yu. A.; Kolobanov, V. V.; Matorin,
	V. I.: Prokoshin, A. F.; Rad'kov, A. I.; Sokolov, V. I.; Tret'yakov.
	B. N.; Fedotov, L. N.; Khromov, S. M.; Kuleshov, V. F.
	ORG: Central Scientific Research Institute of Ferrous Metallurgy
	im, I. P. Bardin (Tsentral'nyy nauchno-issledovatel'skiy institut
	chernoy metallurgii)
	TITLE: The 65BT superconducting alloy 4
	A STATE OF THE STA
	SOURCE: Elektrichestvo, no. 10, 1966, 82-83
	TOPIC TAGS: superconducting alloy, superconductivity
	37.1
	ABSTRACT: A new, relatively low cost Nb-Ti based alloy, designated
	65BT, which meets all the major requirements for superconductors has been developed. Because of its properties it can be used in
	1) magnetizing devices, such as superconducting solenoids, for field
	strengths varying from 20 to 80 koe, and 2) wires 0.1-0.3 mm in diameter
	and up to 12,000 m long and tapes 5 u thick. The alloy, which contains
	65% niobium, 25% titanium, and several other components, is produced in
	Card 1/2 UDC: 537,312,62

	orras arc.	has: 1	processing, is cold drawn. Post alloy requires a 0.02-0.05-mm			n use
SUB CODE: 20/	SUBM DATE:	none/	ATD PRESS:	5099		
						,
		•	•			
awm						



egicalities, it., heart.

Allow, heart.

Allow, it., heart.

Allow, it., heart.

Allow, it., heart.

Allow, it., heart.

Allow is the property of the property of direction to the relative of the heart.

In specify describe the form withing of the interest of an entire the relative of the property of t

OZERSKAYA, V. N., GNEDINA, M. P., SAZANOV, A. M. (Candidates of Veterinary Sciences), GORINA, N. S. (Junior Scientific Co-Worker) and FALYUSHIN, V. S. (Veterinary Surgeon, All-Union Institute of Helminthology imeni Academician K. I. Skryabin)

"About the effectiveness of preimaginal vermifuge treatment of sheep in dictiocaulosis" $\,$

Veterinariya, vol. 39, no. 7, July 1962 p. 41

GORINA, N.S.

Advanced work practices of letter carriers. Vest. sviazi 23 no.2:26-27 F '63. (MIRA 16:2)

新疆 (2007年) 11年 (2017年) 11年 (2

1. Starshiy inzh. normativgo-issledovatel skoy gruppy pri Sverdlovskom pochtamte. (Postal service--Letter carriers)

ACCESSION NR: AR4015638

\$/0081/63/000/022/0118/0119

SOURCE: RZh. Khimiya, Abs. 22G127

AUTHOR: Levchenko, Ye. S.; Ponomareva, Ye. A.; Gorina, S. F.

TITLE: Analytical method of determination of nermal paraffin hydrocarbons in bensene fractions

CITED SOURCE: Movesti meft, i gaz, tekha, Meftepererabotka i meftekhimiya, mo. 9, 1962, 20-23

TOPIC TAGS: hydrocarbon, paraffin hydrocarbon, hydrocarbon determination, chromatography, molecular sieve, petroleum

TRANSLATION: Molecular sieves (RZhKhim, 1961, 8M256; 1958, No. 12, 41036; 1962, 2M291) were used to obtain a more precise classification of the content of benzene fractions and a more accurate determination of their content of normal paraffin hydrocarbons. The content of paraffin hydrocarbons in narrow benzene fractions with boiling limits of 60-95, 95-120, 120-150, and 150-200C were determined by a method described previously (RZhKhim, 1962, 2M291). The molecular sieve used was type 5A, with a particle size of 0.25-1 mm. Exactly weighed amounts (± 0.0001 g)

Card 1/2 .

ACCESSION NR: AR4015638

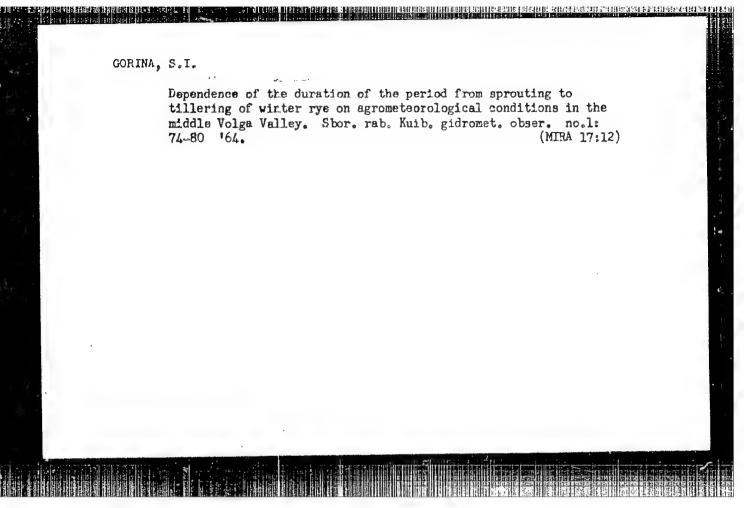
of the materials to be analyzed in the vapor phase were brought into contact with the molecular sieve in a U-shaped adsorption tube at a temperature 2-3C higher than the maximum boiling temperature of the given fraction. Unadsorbed paraffin hydrocarbon was removed from the adsorber in vacuo (150-200 mm Hg). The absolute error of the determination was 0.3-0.77, i.e. \$\leq 4.07.\$ In the investigation of fractions of petroleum from Karabulak and Zumankul, the composition of which had previously been determined by a spectrophotometric method (RZhKhim, 1958, No. 4, 11042), the difference between the results of the two methods was 0.8-1.27. I. Nefedova

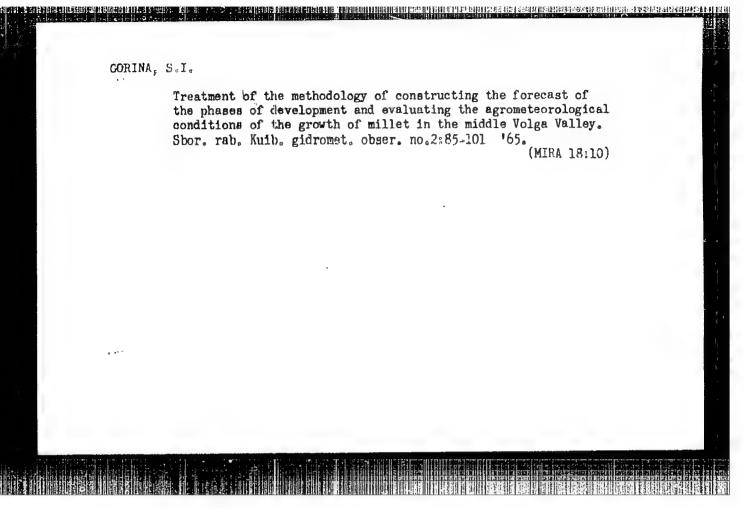
DATE ACQ: 07Jan64 SUB CODE: CH ENCL: 00

LEVCHENKO, Ye.S.; PONOMAREVA, Ye.A.; GORINA, S.F.

Catalytic reforming of the gasoline fractions of Upper Cretaceous oils from the Chechen-Ingush deposit. Khim. i tekh.topl. i masel 10 no.11:10-11 N '65. (MIRA 19:1)

1. Groznenskiy neftyanoy nauchno-issledovatel skiy institut.





:	(p0) 	Pin'H			11 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ħ	9	53	87	\$9	b :	
		18(5,6,3) PHAIR I DOOK RIFLOITATION SOY/2094 Akademiya nauk Karakhakoy 33R. Institut setallurgil 1	obogsahchsaiya. "Erudy, t. 1 (Transactioning. the Institute of Merallurgy and Ore Dressing, Kazakh SSR Academy of Sciences, 701 1) Alma-Ale, IEd-Wo AM Kazakhskoy SSR, 1959. 157 p. 1,225 sopies printed.	Ed.: Yu. H. Entnetsov; Tech. Ed.: Z.F. Rorokina; Editorial Board: Y.D. Ponomarve (Resp. Ed.), B.M. Lebedev, E.M. Grigorotich, L.F. HI, R.A. Isokova, I.R. Polyvyanyy (Resp. Secretary), and Ye. I. Ponomarva. FUNFOUS: This book is intended for metallurgists and	SPEALLURIES. SEGENGERS. SUPPLIES IN A COLLECTION OF ARTICLES dealing with various appears to process ametallury, principally nonferrous, and with related anters sectors. For or concentrates, with related to the concentrates, from properties of alarge, etc. Topics discussed include preceditation of copper from slage, extraction of article precediting of sectors, to precede from slage, extraction of article precediting of a sectors, and the sectors of the sectors of the sectors of the sectors. The satistes are concerned with land non-Soviet references.	Transactions of the Institute (Cont.) SOW/2094 [Estows, 7.4, and Ye. I. Poncearevs. Treatment of Resertate Conteining Articopy and Arsenic by the Method of Sulfidenten and Sublimation	Mehurovakiy, V.O. Fredipitation of Copper from Slage by the Sulfidation Method	Ponomareva, Ye. I., Ye. G. Svirchevakaye, and L.G. Plokhanov. Extraction of Arsenic Prom Speiss	Ponomers vs. Ye. I., and Ye. G. Srirchevakaya. Alkaline Method of Treating Polymetallic Ores Grigorovich, A.N., Ye. I., Shalaving, N.A. Milyutina, Ta. G. Svirchevikaya, and T.D. Gorfina, Group Ex-	Gard 3/5	c	
	Above take a surgice of the color	. 18(5,	9		COVER OF THE COVER	T AND	798	700	THE PLANT	3 3		

Parces in a reduced com mochanism. Inv. vya. uthch. Mav.;
mashinostr. no.7:31-36 '65. (MIPA 18:12)

1. Moskovskoye vysaheye tekhnicheskoye uchilishche incni 3.6.
Baumana. Submitted February 8, 1963.

Cicion of

RUMANIA/Chemical Technology. Chemical Products and Their Application. Nitrogen Industry.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27425

Author : U. Gorina

Inst Title

: Improvement of Technological Process of Producing Nitric Acid by Developing Optimal Conditions of Oxidation of Armonia.

Orig Pub: Rev. chim., 1956, 7, No 2, 74-77

Abstract: Results of the study of the influence of excessive $O_{1}(O_{1}/NH_{\odot})$, of the temperature of overheated air, and of the reaction temperature on the yield of products of catalytic exidation of NH by air under atmospheric pressure are shown. The experiments were carried out with an industrial converter 2 m in dia. with the Pt-Rh catalyst. The used catalyst consisted of two sieves 2 m in dia., of which the first had 3,600 openings per sq.cm (wire dia. 0.06 mm). The speed of the gas flow in the catalyst

Card : 1/2

RUMANIA/Chemical Technology. Chemical Products and Their Application. J-4 Nitrogen Industry.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27425

reached at the NH, content of 8.9%, the temperature of the overheated air of 200° and the reaction temperature of 810°. The excess of 0, in the mixture NH -air must be 1.62 to 1.72 times greater than the theoretical in order to direct the reaction to the maximum formation of NO; any greater excess of 0, loes not rise the NO yield. The above confirms the theoretical assumption that the exidation of NH into NO takes place on the catalyst surface with the participation of the adsorbed 0, in consequence of which the degree of filling of the catalyst with 0; is an important factor in the course of the reaction. Catalyst parts not covered with 0, cause the dissociation of NH with the formation of molecular N.

Card : 2/2

~2·

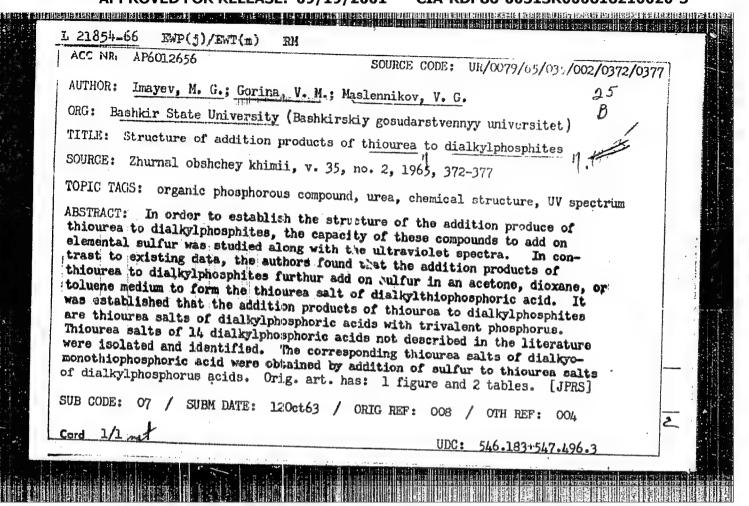
21, 17,46 300(m)/00F(J) australitation (ACC NR AP6012643 SOURCE CODE: UR/0079/65/035/001/0075/0077 Imayev, M. G.; Maslennikov, V. G.; Gorina, V. M.; Krasheninikova, G. S. AUTHOR: Bashkir State University (Bashkirskiy gosudarstvennyy universitet) TITLE: Transesterification of dimethylphosphite by aliphatic alcohols SOURCE: Zhurnel obshchey khimii, v. 35, no. 1, 1965, 75-77 TOPIC TAGS: aliphatic alcohol, ester, organic phosphorous compound The reaction of transesterification of dimethylphosphite, ABSTRACT: by aliphatic alcohols both in the presence of catalysts (sodium alcoholate) as well as in their absence is reported. Experiments have shown that a mixture of the corresponding methylalkyl- and dialkylphosphites is always formed. (CH₃O)₂POE + ROH (CH₃O)(RO)POH + CH₃OH (RO)₂POH + 2CH₃OH Data showed that the reaction of partial transesterification of dimethyl phosphite to obtain methylalkylphosphites results in the yield of the latter not exceeding 24-42.7%. Such low yields are accounted for by the disproportionation of mixed dialkylphos-**Card** 1/2 UDC: 546.183+547.268

L 21603-c6

ACC NR: AF6012643

phites into symmetrical species upon their distillation. The total transesterification of dimethylphosphite in symmetrical dialkylphosphites was studied in the presence of sodium alcoholate, as catalyst, in a dioxane medium (no catalyst present), and in excess n-butyl alcohol; it was determined that, when dioxane or excess alcohol is present, the rate of dimethylphosphite alcoholysis is not dependent in the presence of a catalyst. Seven methylalkyl phosphites not previously described in the literature were synthesized and identified. Orig. art. has: I table. [JFRS]

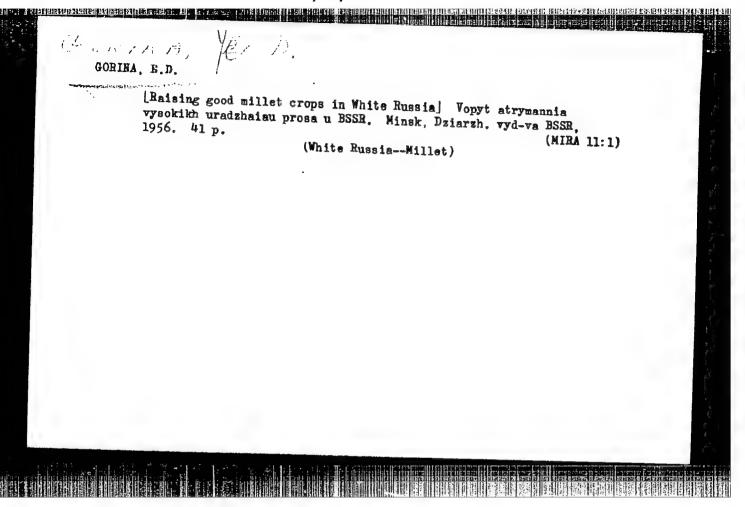
SUB CODE: 07 / SUBM DATE: 120ct63 / ORIG REF: COS / OTH REF: COI



GORINA, Ye. D.

GORINA, Ye. D. "The Use of Hybrid Seed, Alone and Mixed with other Varieties, to Increase the Yield of 'Progress' Buckwheat in the Belorussian SSR." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1955. (Dissertation for the Degree of Candidate in Agricultural Science)

So: Knizhnaya Letopis', No. 19, 1956.



COUNTRY

r USER

CATEGORY

: Cultivated Plants. Cereals.

M

ABS. JOHR. : RZhBiol., Ne.14, 1958, No.63377

种结构性能性<mark>性等多级性性质的。对 医电性衰竭 医感光病 眼睛眼神怪的</mark>的眼睛 TEE 朝眼间间时间 25、全针的间间时间 44的形式,一个15-55的对 3 19 19 19 19 19 19 19 19 19 19 19 1

AUTHOR

: Gorina, 16. D.

IMST.

TITLE

: Effectiveness of the Sowings of Buckwheat Variety Blands.

OPIG. NOB. : Selektsiya i semenovodstvo, 1957, No. 4, 48-50

ARCTRACT

: 8 paired combinations of buckwheat variety blends were tested at the Belorussian selection station: Bogatyri, Kazanskaya, Mordovskaya 124, Amurskaya, Buryat-Mongol'skaya, Terekhovskaya, Bobruyekaya. Increase in the yield in relation to pure scwings was noted in four variety blends already in the year of sowing. The best results were shown by the blend Terekhovskaya + Bogatyr' which surpassed the yield of the pure sowings by 18 and 26% in the first case, and Bobruyskaya+ Bogatyr' - by 25 and 14% respectively. The plants of the variety blends were distinguished by

Card: 1/2

55

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000616210020-3"

THE Y

: USSR

CATEGORY

: Cultivated Plants. Cereals.

Al". AMR. : EMARIOL., No.14, 1958, No. 63377

AUTHOR

INST.

TITLE

ORIG. PUB.

ABSTRACT

: greater branching, foliation, absolute weight of the seeds and by an increased number of kernels. All these indicators reached the maximum in the first and second generations Blends of the local varieties Terekhovskaya and Bobruyakaya differed little from pure sowings as did the blend of late maturing Amurskaya buckwheat with the early maturing Terekhovskaya. - I. N. Jaikina

Card: 2/2

30550

15.2450

S/564/61/003/000/026/029 D207/D304

AUTHORS:

Gorina, Yu. I., and Maksimova, G. V.

TITLE:

Growing strontium titanate monocrystals of nonstoichiometric composition by the Verneuil method

SOURCE:

Akademiya nauk SSSR. Institut kristallografii. Rost

kristallov, v. 3, 1961, 460-462

TEXT: The author describes the preparation of strontium titanate monocrystals (6 mm diameter, 30 mm length) using the Verneuil method. The color of the monocrystals depended on the type of flame used. The initial charge consisted of a mixture of ${\rm SrCO_3}$ of analytic purity and pure ${\rm TiO_2}$. This mixture was fired in a Silit furnace at $1400^{\rm O}$ C for 2 hours. Strontium titanate obtained by this firing was pulverized to a mean grain size of $0.2 \, \rm M$ and thoroughly dried. Monocrystals were grown in a tubular furnace using a mixed $\rm H_2 - \rm O_2$ flame. A gas flow to the

Card 1/2

30550

Growing strontium...

Card 2/2

S/564/61/003/000/026/029 D207/D304

flame was controlled by flowmeters of PC3 (RSZ) type. The ${\rm H_2}$ / ${\rm O_2}$ ratio was varied from 2.1 to 3.3 . The composition of the flame affected the color of monocrystals which varied from dark in hydrogen-rich flames to transparent or yellow in oxygen-rich flames. The optimum conditions were obtained in a flame with $\overline{\mathrm{H}}_2$ / O_2 ratio of 1 s 5 as measured by flowmeters, which corresponded to true volume ratio of 2.66 ϵ 1 . The rate of crystal growth was 3 - 4 cm/hour. The maximum width of the crystal was 7 mm. Monocrystals had circular, triangular or quadrilateral cross-sections and were grown without a seed along the direction [100] or [111] . The crystals with triangular cross-section grew along the L3 axis and the quadrilateral ones along the ${f L}_4$ axis. Chemical and spectroscopic analyses of the monocrystals indicated an excess of ${
m Ti0}_3$ (~3%). The following impurities were also present: 0.01% Mg, 0.02% Si, 0.1% Al, 0.005% Fe, 0.01% Ca. These impurities were responsible for the light yellow color of some crystals. This work was carried out under the direction of Professor G. I. Skanavi (deceased). There are 2 figures.

GORINA, Yu.I.; KASHTANOVA, A.M.; MAKSIMOVA, G.V.; SKANAVI, G.I. [deceased]

Production of strontium titanate single crystals and some data on their dielectric properties. Kristallografiis 6 no.3: 473-475 My-Je '61. (MIRA 14:8)

1. Fizicheskiy institut imeni P.N. Lebedeva. (Strontium titanate crystals--Electric properties)

\$/058/62/000/004/096/160 A061/A101

AUTHORS: Gorina, Yu. I., Maksimova, G. V.

Growth of nonstoichiometric strontium titanate single crystals by TITLE:

Verneuil's method

Referativnyy zhurnal, Fizika, no. 4, 1962, 12, abstract 4E110 (Sb. PERIODICAL:

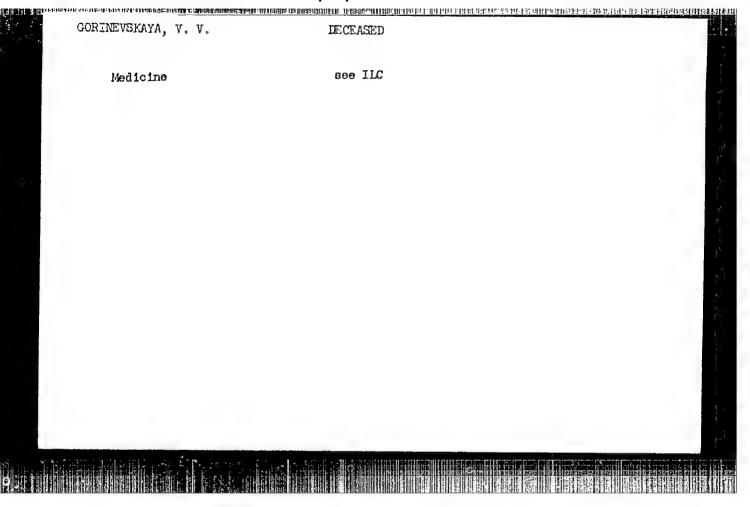
"Rost kristallov. T. 3", Moscow, AN SSSR, 1961, 460-462, Discuss.

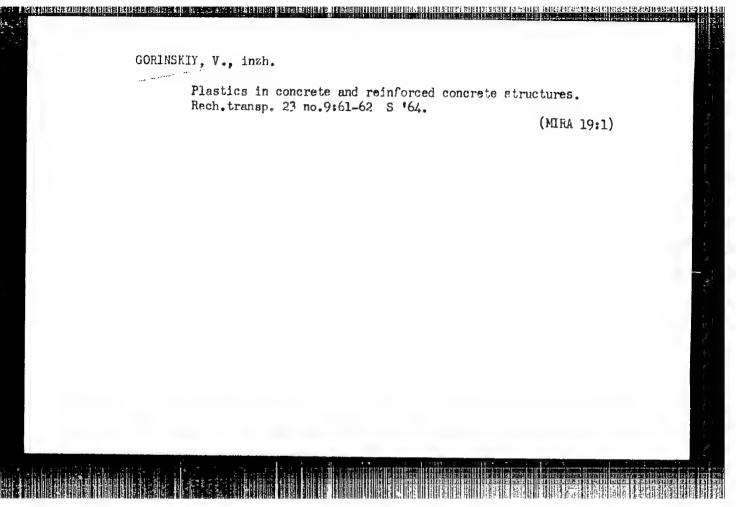
501-502)

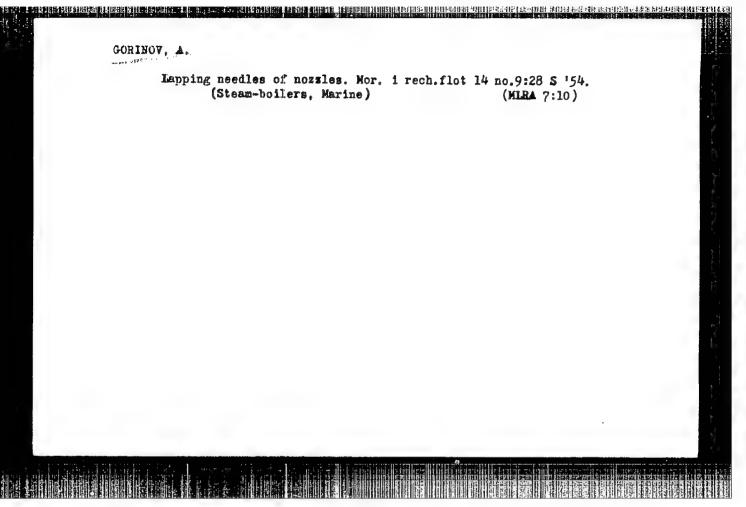
TEXT: A method of growing SrTiO3 single crystals is suggested. Single crystals, 6 mm in diameter and 30 mm long, were obtained.

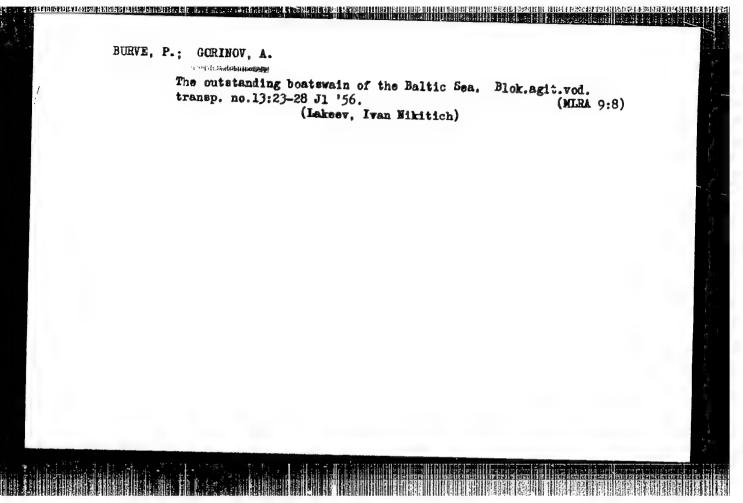
[Abstracter's note: Complete translation]

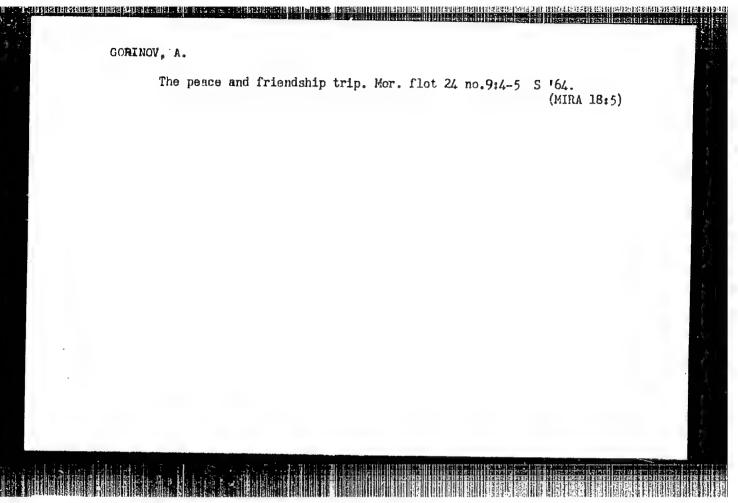
Card 1/1











GORINOV, A. V.

Moskva_Donbass. Moscow-Donets basin. (Transportnoe stroitel'stvo, 1932, no. 2-3, p. 3-5, map).

DLC: HE7.T7

IUzhno-Donetskaia aheleznaia doroga. /The South-Donets railway/. (In Kratkii tekhnicheskii zheleznodorozhnyi slovar. Moskva, 1946, p. 602-603).

DLC: TF9.K75 1946

SO: <u>SOVIET TRANSPORTATION AND COMMUNICATIONS</u>, <u>A BIBLIOGRAPHY</u>, Library of Congress Reference Department, Washington, 1952, Unclassified.

GCRINOV, A. V.

GCRINOV, A. V.

Jun 1946

The Classification of the Railroads of the USER, A.

V. Gorinov, Corresponding Member of Academy of Sciences of the USER, 182 pp

"Inv Ak Hauk Otdel Tekh Hauk" No 5

Suggests principles for classifying railroads of the USER into four classes: 1) Trans-Union trunk lines, 2) main lines for inter-regional communication, 3) intra-regional line, 4) feeder and spur lines. Some general information on planned construction.

8047

ARGIGRAGA CONTRACTOR DE CONTRA

GORINOV, A. V.

Elektrificheskaia i teplovaia tiaga poezdov. / Electric and heat power traction /.

(His "azvitie tekhniki zhel-dor. transporta. Moskva, 1948, p. 25).

Lists new electric railway lines and the line which are to be converted to electric power propulsion.

DLC: TF85.46

SO: Soviet ransportation and Communications, A Bibliography, Library of C ngress reference Department, Washtinton, 1952, Unclassified.

CORINOV, A. Y.

Poslevoennaia piatiletka vosstanovleniju i razvitiia zheleznykh dorog SSER v deistvii. /The post-war five-year plan for restoration and development of railroads of the USSE in action 7. (His Hazvitie tekhniki zheleznodoroshnogo transporta. Moskva, 1948, p. 93).

Lists the newmailroad lines put in operation since 1947.

DLC: TF85.G6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

GORINOV, A. V.

Razvitie tekniki zheleznodorozhnogo transporta. /The development of techniques of railroad transportation // Moskva. Gosplanizdat, 1948. 98 p. illus., map.

MH

DLC: TF85.G6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassfied.

GORINOY, A. V.

Proektirovanic zheleznykh doros. /Planning railroad construction. (Pailfoad engineering)/3., perer. i dop. izd. Dopushcheno v kachestve uchebnika dlia stroitelinykh fakulitetov transportnykh institutov. Moskva, Gos. transp. #el-dor. izd-vo, 1948- 3v. illus., maps (part fold.)

Contents, - v. 1. Tractional computation. - Surveying and projecting principles. - v. 2. Tracing and choosing the direction of the railroad. - v. 3. Complex projecting and the organization of surveys. -

Vol. I. Map facing page 21 (back side): Sketch showing the development of the mailroad network of the USSR during the years 1917-1944 and the dates on which he railroads went into operation.

DLC: TF200.G6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

TANGEN CONTROL OF THE CONTROL OF THE

GORINOV, A. V.

Nai-vazhni meropriiatiia po tekhnicheskoto presuoruzhavane na zhelezoputniia transport. The most important measures of technical precautions in railroad transportation. Prevel V. Kabakchiev. Sofiia, Pechat i propaganda pri MZHAVS, 1949/42p. illus. (Biblioteka sp /isanie/ "Transportno delo," No. 4) "Bezplatno prilozhenie kum kn. 10 na spisanie 'Transportno delo'."

MH

DLC: TF85.G59

SO: SOviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassfied.

7	GORTHOV.	f.	77
1 -	Ly()25 1 1 / () W =	21 6	V a

- 2. USSR (600)
- 4. Railroads
- 7. Trunk lines of the country. Nauka i zhizm! 19 no. 11, 1952.

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

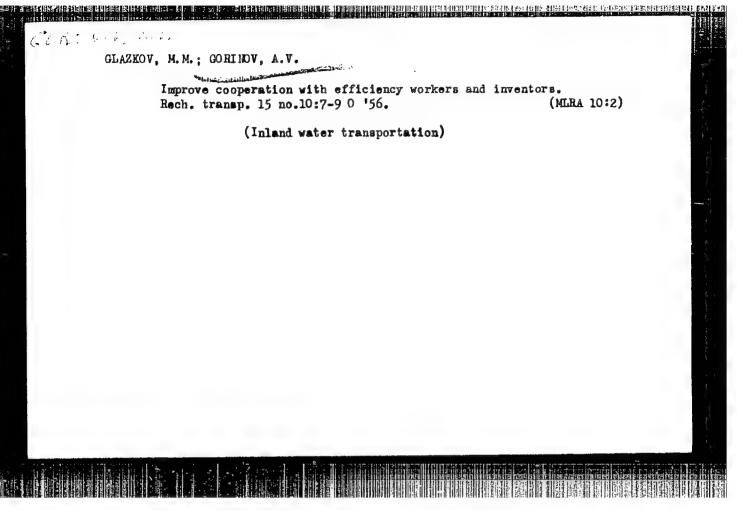
- 1. GORINOV, A. V.
- 2. USSR 600
- 4. Railroads
- 7. Soviet transport in the fifth five-year plan, Vest. AN SSSR, 22, No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ARLAZOROV, M.S.; GORINOV, A.V., professor, redaktor; PODYMOV, L.M., kandidat tekhnicheskikh nauk, redaktor; VERINA, G.P., tekhnicheskiy redaktor.

[In search of new roads] V poiskakh novykh dorog. Pod red. A.V.Gorino-va. Moskva, Gos. transportnee zhel-dor. izd-vo 1954. 147 p. (MLRA 7:12)

1. Chlen-korrespondent Akademii nauk SSSR (for Gorinov) (Railroads)



FEDOROV, Valentin Ivanovich, dotsent, kand.tekhn.nauk; GORINOV, A.V., prof., retsenzent; AVGEVICH, V.I., doktor geograf.nauk, retsenzent; KISLOV, V.V., red.; ZUBKOVA, M.S., red.izd-va; MAL'KOVA, N.V., tekhn.red.

[Aerial-photographic survey of highways] Aerofotoizyskaniia avtomobil'nykh dorog. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1959.

224 p. (MIRA 12:8)

1. Chlen-korrespondent Akademii nauk SSSR (for Gorinov).
(Photography, Aerial) (Roads--Surveying)

... et al 🚅 : in de la diminimation de la company de la c

IQANNISYAN, A.I., prof.; GORINOV, A.V., prof.; AKIMOV, V.I., kand.tekhn. nauk; KANTOR, I.I., kand.tekhn.nauk; KONDRATCHENKO, A.P., kand. tekhn.nauk; SAVCHENKO, I.Ye., kand.tekhn.nauk; TURBIN, I.V., kand. tekhn.nauk; VIASOV, D.I., inzh., red.; KHITROV, P.A., tekhn.red.

[Problems in the planning of railroads with electric and diesel traction] Voprosy proektirovaniia zheleznykh dorog s elektrichaskoi i teplovoznoi tiagoi. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 255 p. (MIRA 13:3)

1. Chlen-korrespondent AN SSSR (for Gorinov).
(Railroad engineering)

GORINOV, Aleksandr Vasil'yevich, nauchnyy sotrudnik; BUTLER, Sersfin Aleksandrovich, nauchnyy sotrudnik; MALYAVSKIY, Boris Kirillovich, nauchnyy sotrudnik; NORMAN, Edgar Arturovich, nauchnyy sotrudnik; TAVLINOV, Viktor Konstantinovich, kand. tekhn.nauk, nauchnyy sotrudnik; VASIL'YEV, Yu.F., red.izd-va; ASTAF'YEVA, G.A., tekhn.red.

[Air levelling in surveying railroad lines; explorations of mountainous areas] Aeronivelirovanie na izyskaniiakh putei soobshcheniia; materialy issledovanii v jornoi mestnosti.

Moskva, Izd-vo Akad.nauk SSSR, 1959. 2/2 p. (MIRA 13:3)

1. Chlen-korrespondent AN SSSR (for Gorinov). 2. Rukovoditel' laboratorii zheleznodorozhnykh izyskaniy Vsesoyuznogo nauchno-issledovatel'skogo instituta transportnogo stroitel'stva (TaNIIS) Mintransstroya SSSR (for Butler). 3. Laboratoriya zheleznodorozhnykh izyskaniy Vsesoyuznogo nauchno-issledovatel'skogo instituta transportnogo stroitel'stva (TaNIIS) Mintransstroya SSSR (for all except Vasil'yev, Astaf'yeva).

(Aerial photogrammetry)

(Railroads -- Surveying)

GORINOV, A.V., prof.; KANTOR, I.I., dots.; KONDRATCHENKO, A.P., dots.; LOGINOV, V.N., assistent; TURBIN. I.V., ispolnyayushchiy obyazannosti dotsenta; SOLOV'YEVA, T.P., red.; KLEYMAN, L.G., tekhn. red.

1 20

[Designing a new railroad section with electric and diesel traction; handbook for the disigning of a school project] Proektirovanie uchastka novoi zheleznoi dorogi s elektrovoznoi i teplovoznoi tiagoi; posobie dlia kursovogo proektirovaniia. By A.V.Gorinov i dr. Moskva, M-vo putei soobshcheniia. Glav. upr. ucheb. zavedeniiami, 1960. 109 p. (MIRA 14:11)

1. Moscow. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta.

2. Zaveduyushchiy kafedroy "Izyskaniya i proyektirovaniye zheleznykh dorog" Moskovskogo instituta inzhenerov zheleznodorozhnogo transporta i Chlen-korrespondent AN SSSR (for Gorinov).

(Railroad engineering)

MIKHEYEV, A.P., prof., doktor tekhn. nauk; SHUKSTAL', Ya.V., kand. ekon. nauk; DMITRIYEV, V.A., kand. ekon. nauk; Prinimali uchastiye GUTKIN, L.V., kand. tekhn.nauk; SHVARTS, R.Ya., mladshiy nauchnyy sotr.; GORINOV, A.V., retsenzent; MIKHAL'TSEV, Ye.V., prof., retsenzent; GIBSHMAN, A.Ye., prof., retsenzent; RYLEYEV, G.S., inzh., retsenzent; KHACHATUROV, T.S., red.; MAKSIMOV, I.S., red.; GERASIMOVA, Ye.S., tekhn. red.

[Efficiency of electric and diesel traction in railroad transportation]Effektivnost' elektricheskoi i teplovoznoi tiagi na zheleznodorozhnom transporte. Pod red. T.S.Khachaturova i A.P.Mikheeva. Moskva, Gosplanizdat, 1960. 302 p. (MIRA 16:1)

1. Nauchnyye sotrudniki Otdela razvitiya tekhnicheskikh sredstv transporta i Otdela raspredeleniya perevozok mezhdu razlichnymi vidami transporta Instituta kompleksnykh transportnykh problem Akademii nauk SSSR (for Mikheyev, Shukstal', Dmitriyev). 2. Ghlenkorrespondent Akademii nauk SSSR (for Gorinov, Khachaturov). (Electric railroads) (Diesel locomotives)

ARTEM'YEV, S.P.; APANAS'YEV, L.L.; BELOUSOV, I.I.; BENERCON, I.M.; BRONSHTEYN,
L.A.; BUYANOV, V.A.; WELKANOV, D.P.; VERKHOVSKIY, I.A.; CGRINOV,
A.V.; GOBERMAN, I.M.; DAVIDOVICH, L.N.; DEGTERCEV, G.N.; ZVONKOV,
V.V.; KALARUKHOV, F.V.; KCMAROV, A.V.; KUDKYATTSEV, A.S.; LIV'YANT,
YA.A.; PETROV, A.P.; FETROV, V.I.; TARANOV, A.T.; TIKHOMROV, N.N.;
FEDOROV, V.F.; CHUDINOV, A.A.; SHUPLYAKOV, S.I.; YANKIN, YU.S.

Anatolii Pavlovich Aleksandrov; obituary. Avt.transp. 38 no.9:57
S '60.

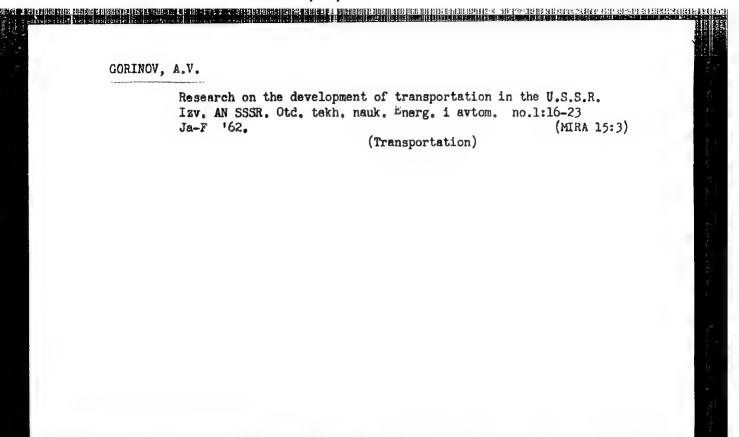
(Aleksandrov, Anatolii Pavlovich, 1903-1960)

GORINOV, Aleksandr Vasil'yevich, prof. Prinimali uchastiye: TURBIN,
I.V., dotsent, kand.tekhn.nauk; KANTOR, I.I., dotsent, kand.
tekhn.nauk; KONDRATCHENKO, A.P., dotsent, kand.tekhn.nauk;
YEVREYSKOV, V.Ye., prof., retsenzent; LEBEDEV, A.I., dotsent,
retsenzent; VOZNESENSKIY, G.D., dotsent, retsenzent; ISAKOV, L.M.,
dotsent, retsenzent; DZHGAMADZE, O.V., dotsent, retsenzent;
CHERNYSHEV, G.P., inzh., retsenzent; MYSHKIN, G.N., inzh., retsenzent;
ZAYTSKV, I.M., inzh., retsenzent; OZERETSKOVSKIY, V.P., inzh.,
retsenzent; ZARETSKIY, A.O., inzh., retsenzent; BUGROV, B.A., inzh.,
retsenzent; KOSTIN, I.I., prof., red.; BOHROVA, Ye.N., tekhn.red.

[Railroad surveying and designing] Izyskaniia i proektirovanie zheleznykh dorog. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia. Vol.1. Izd.4., perer. 1961. 336 p. (MIRi 14:4)

1. Chlen-korrespondent Akademii nauk SSSR (for Gorinov). 2. Kafedra "Proyektirovaniye i postroyka zheleznykh dorog" Novosibirskogo instituta inzhanerov zheleznodorozhnogo transporta (for Yevreyskov, Lebedev, Vosnesenskiy, Isakov, Dzhgamadze). 3. Gosudarstvennyv proyektno-izyskatel'skiy institut "Gipropromtransstroy" (for Chernyshev, Myshkin, Zaytsev, Ozeretskovskiy, Zaretskiy, Bugrov).

(Railroad engineering)



GORINOV, A.V., prof.; KANTOR, I.I., kand.tekhn.nauk

"Instructions for surveying and designing road and railroad bridges over flowing water." Reviewed by A.V.Gorinov, I.I.Kantor.

Transp. stroi. 12 no.12:57 D '62. (MIRA 16:1)

1. Chlen-korrespondent AN SSSR (for Gorinov).
(Bridges)

GORINOV, A.V., prof.; TURBIN, I.V., kand. tekhn. nauk, dotsent

Stagewise increase of the capacity of new railroads operated with diesel locomotives. Trudy MIIT no.158:17-31 '62.

(MIRA 16:6)

1. Chlen-korrespondent AN SSSR (for Gorinov).
(Railroad engineering)
(Diesel locomotives)

GORINOV, A.V., prof.; TURBIN, I.V., kand. tekhn. nauk, dotsent

Expediency of combining diesel and a.c. electric traction in the planning of new railroads. Trudy MIIT no.158:4-16 (MIRA 16:6)

1. Chlen-korrespondent AN SSSR (for Gorinov).

(Railroad engineering)

(Railroads—Cost of construction)

GORINOV, A.V., prof.; KANTOR, I.I., dots.; KONDRATCHENKO, A.P., dots.; REPREV, A.I., dots.; TURBIN, I.V., dots.; LIVSHITS, V.N., kand. tekhn. nauk; AKIMOV, V.I., kand. tekhn. nauk, retsenzent; GURSKIY, P.A., prof., retsenzent; ZAYTSEV, P.F., kand. tekhn.nauk, retsenzent; LISHTVAN, L.L., inzh., retsenzent; PRUSAKOV, M.B., inzh., retsenzent; SHINKAREV, F.S., inzh., retsenzent; SHUL'PENKOV, V.M., inzh., retsenzent; MEDVEDEVA, M.A., takhn. red.

[Design and planning of railroads] Proektirovanie zheleznykh dorog. [By] A.V.Gorinov i dr. Moskva, Transzheldorizdat, 1963. 308 p. (MIRA 16:9)

Chlen-korrespondent AN SSSR (for Gorino▼).
 (Railroad engineering)

GORINOV, A.V. (Moskva)

Development of a consolidated transportation network in the U.S.S.R. Ipv. AN SSSR. Energ. 1 transp. no.52563-575
S=0 '63.

GORINOV, A.V.; PETROV, A.P.

A conference on problems affecting the development of transportation in the U.S.S.R., held at Moscow. Vest. AN SSSR 33 no.7:116-118
J1 '63.

1. Chleny-korrespondenty AN SSSR.

(Russia--Transportation)

GORINOV, A.V., prof.; KANTOR, I.I., kand.tekhn.nauk, accept, TURBIN, 1.V., kand.tekhn.nauk, dotsent

Ways to develop the methods for railroad design and planning based on the use of electronic digital computers. Trudy MIIT no.181:4-20 *64. (MIRA 18:1)

1. Chlen-korrespondent AN SSSR (for Gorinov).

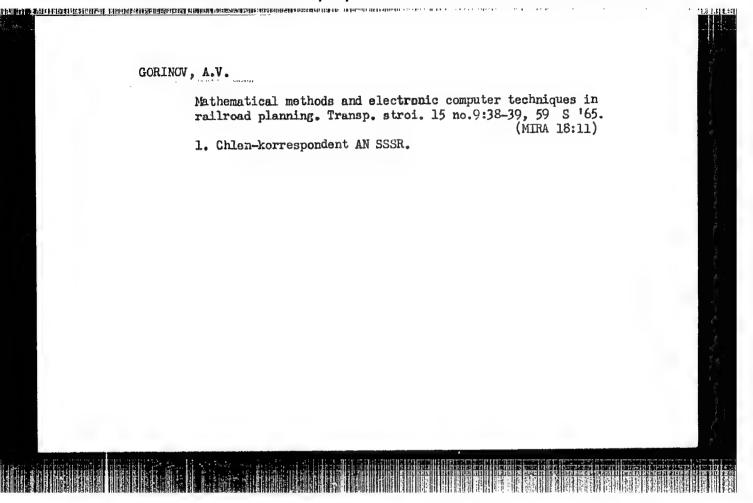
THE CONTROL OF THE PROPERTY OF

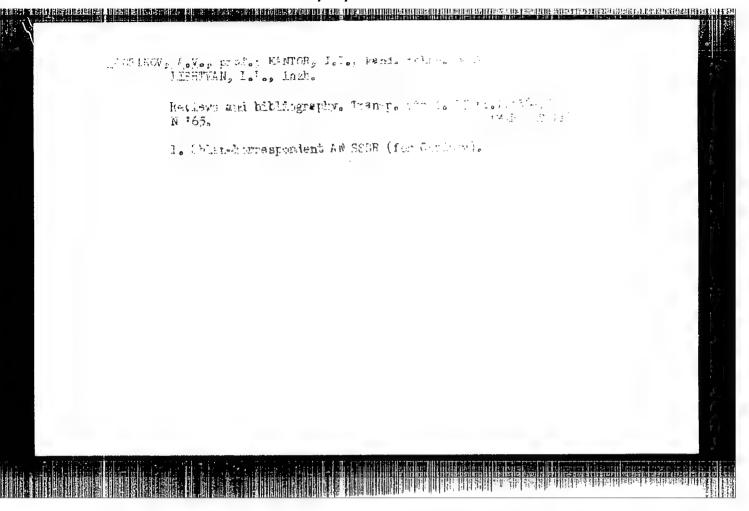
GORINOV, A.V., prof.; GIRCHMAN, A.Ye., prof., doktor testing the

。 第二章 1011年度到1921年度,由日本区域的1821年度2015年,第二章 1822年度,1921年度的1921年度,1921年度,1921年度,1921年度,1921年度,1921年度,1921年度,1921年度

Experience in using electronic computers for selecting the sequence in the building of railroad lines. Transp. stroi. 15 no.2:59-60 F *65. (MIRA 18:3)

1. Chlen-korrespondent AN SSSR (for Gorinov).





"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000616210020-3

ACC NR: AP6005545 (A) SOURCE CODE: UR/0030/66/000/001/0020/0025

AUTHOR: Gorinov, A. V. (Corresponding member AN SSSR)

ORG: none

TITLE: The creation of a unified transportation system for the SSSR

SOURCE: AN SSSR. Vestnik, no. 1, 1966, 20-25

TOPIC TAGS: transportation system, operations research, government economic planning, research program

ABSTRACT: The future transportation needs of the SSSR are briefly reviewed and the areas of research which must be undertaken to fulfill these needs are discussed. It is assumed that one of the principal approaches to the future development of transportation will be to unite all forms of transportation into a single system. Such a system must include all forms of transportation, all terminals and all forms of service facilities. In June 1965, the Soviet Academy of Sciences made the decision to organize a permanent commission to study the scientific problems associated with transportation. The article discusses the following problem areas associated with the development of a single transportation system: the study of economic effectiveness, computer-aided mathematical simulation of transportation networks, study of geographic factors, reexamination of historic factors which have affected the development of land, water and air

UDC: 656.0

Card 1/2

such means	in the f	Future.			sary to develop	
SUB CODE:	05/	SUBN DATE	none			
	1					
						-

22(3)

SOV/178-58-7-6/24

AUTHOR:

Gorinov, I., Lieutenant Colonel

TITLE:

From the Experience of Special Tactical Training (Iz

opyta taktiko-spetsial'noy podgotovki)

PERIODICAL:

Voyennyy svyazist, 1958, Nr 7, pp 17 - 19 (USSR)

ABSTRACT:

The author states that small units are trained best, when the training is conducted on a large scale with the participlation of signal corps units. Field training is

to be conducted for two days during summer, and for three days during winter. In this connection, the author presents excerpts from a training schedule for a signal corps unit.

There is 1 table.

Card 1/1

SERAFIMOV, K.; GORIROV, N.

Regularity in the change of electronic density in the E layer over Sofia, 1961-1962. Doklady BAN 16 no.7:705-708 '63.

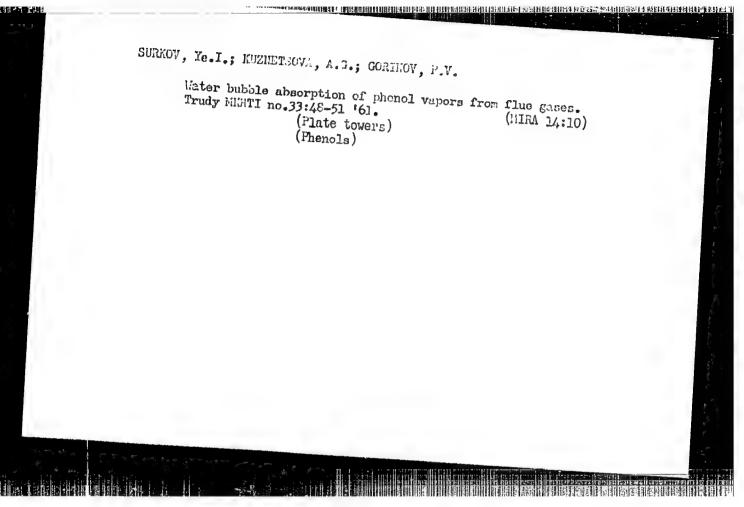
1. Vorgelegt von Arademiemitglied L. Krastanov [Krustanov, L.] "Doklady Bolgarskoy Akademii nauk".

"Doklady Bolgarskoy Akademii nauk".

SERAFIMOV, K.; GORINOV, N.

Quiescent changes in the total amount of electrons in the E ionospheric layer. Doklady BAN 16 no. 8: 809-812 '63.

l. Vorgelegt von Akademiemitglied L. Krastanov [Krustanov,
 L.]. Otvetstvennyy redaktor, "Doklady Bolgarskoy



Tesks, prospects, difficulties. Grazhd. av. 22 no.6:7-8 Je '65
(MIRA 18:6)

J. Zomandir Tyumenskov aviatsionnov gruppy (for Luzhetskiy).

2. Zomestitel' komendira po politicheskov chasti Tyumenskov aviatsionnov gruppy (for Gerinov).

SHUSHUNOV, V.A.; AUROV, A.P.; GORINOV, V.A.

Effect of ethers on velocity of reaction of magnesium with alkyl halide vapours. C.R. Acad. Sci. U.R.S.S., '49, 68, 875-877. (BA - A I Ja '53:82)

Sai Ra. Inst. Chew., Gorking State U.

GORINOV, V. A.

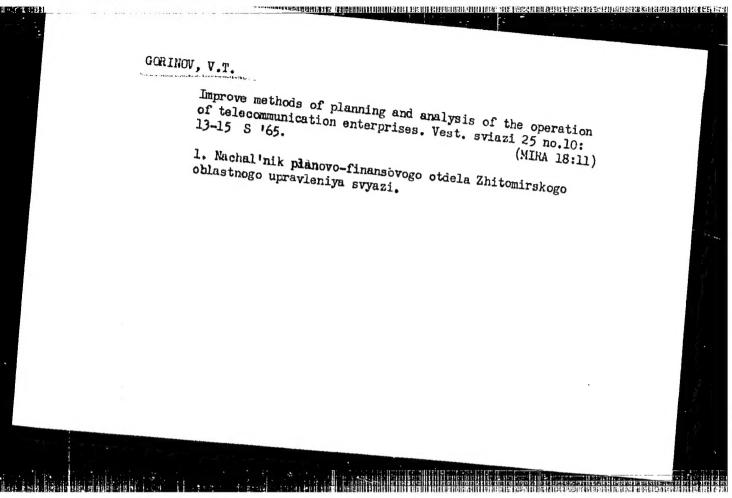
USSR/Chemistry - Organomagnesium Compounds Jan 51

"Catalysis by Ethers of Reaction of Magnesium With Ethyl Tromide Vapors, "V. A. Shushunov, A. P. Aurov, V. A. Gorinov, Sci Res Inst of Chem, Gor'kiy State U

"Thur Fiz Khim" Vol KAV, No 1, pp 20-23

In reaction of Mg with alkyl halides (in this case EtEr) ethers act as catalysts. Low-rate coeff of reaction at significant conen of ether suggests reaction occurs in diffusion region. Catalytic ability of ethers depends on their nature, Ke20 being most effective, Et20 and iso-Pr20 about equal, though catalysis with Et20 gives higher yield of organo-Mg compd.

180T12



KIBA, N.T., veterinarnyy vrach; PUGACH, Ye.I., veterinarnyy vrach; GORINOV, Yu.M., veterinarnyy vrach

Comparative evaluation of biomycin and a preparation of the broth culture of Propionibacterium and Lactobacillus acidophilus.

Veterinariia 41 nc.4:71-72 Ap 165. (MIRA 18:6)

1. Kalininskaya nauchno-proizvodstvennaya veterinarnaya laboratoriya.